

NOVACURE

Transparent acrylic-based stabilizing resin – Made in Germany

Attention:

Before first use the resin has to be activated! Therefore please shake the (smaller) bottle with activator well and then pour it into the resin. Shake the activated resin for several minutes before use.

To guarantee a complete activation please let the resin stand for about 12 hours at room temperature before use.

To ensure complete activation, let the resin to steep for approx. for approx. 12 hours at room temperature.

Please stir/shake the resin well before each use.

Manual:

- The workpiece has to be dry (< 7% residual moisture).
- Place your workpiece into an adequate Vacuum chamber / pot and put some weight on it to avoid swelling. Pour the resin onto your product until it is covered by 2-4 centimeters.
- To receive the optimum saturation make sure the wood stays covered throughout the entire process.
- Close the chamber and start the vacuum pump. Watch out for eventual frothing which can be regulated by the ventilation control lever.
- Evacuate the chamber until no more froth bubbles come-out of the workpiece.
- Afterwards the pieces should remain in the resin for around 12 hours (without vacuum).
- During this time it is absolutely necessary to make sure the resin level remains above the pieces since they constantly absorb resin during that phase.
- Subsequently take out the workpiece and wrap it in aluminum foil. Leftover resin can be used again – please pour it into a proper and lockable container (ideally you filter out bigger parts and pour it back into the original container).
- The hardening has to take place at a minimum 95° to 105° Celsius for about 4-5 hours in an adequate lab kiln.
- Store the NOVACURE resin in a dark and cool place (between 15-20° Celsius) to prevent accidentally curing. Pigmented and broached containers should be used quickly. The minimum shelf life is 6 months after activation if stored at 15° Celsius.

Colored stabilization:

With the NOVACURE color concentrates you can color the resin for dyed stabilization. 50 ml is sufficient for chromatic colors to stain a 3 kg container. With 50 ml of black color concentrate, you get an anthracite color tone, with double the amount, a deep black color tone. When selecting the woods, keep in mind that the

inherent color will have an impact on the final color. Very light woods such as curly maple lead to the purest results. The color concentrates can also be mixed with each other, but sometimes they do not follow the usual pigmentary color mixing.

Safety at work:

- Novacure is to be used only in well-ventilated areas
- Wear chemical resistant nitrile disposable gloves
- Wear safety glasses
- Wear work clothes
- Do not decant containers
- The emptied container and resin residues can be disposed of with residual waste.

Hazard statements:

Contains: 2 - hydroxyethyl methacrylate, 1,6 - hexanediol diacrylate.

H315 Causes skin irritation.

H319 Causes severe eye irritation.

H317 May cause allergic skin reactions.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapor/aerosol.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Take person to fresh air and provide for unobstructed breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Rinse cautiously with water for several minutes. Remove contact lenses if possible. remove if possible. Continue to rinse.